

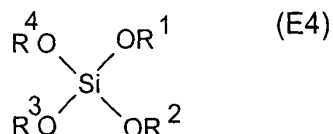
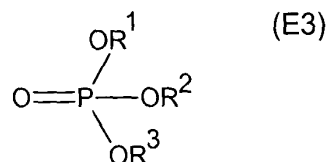
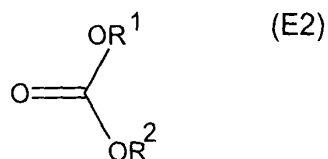
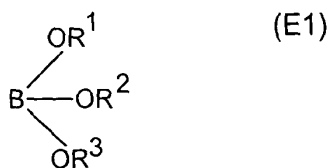
COMPLETE LISTING OF CLAIMS IN THE APPLICATION

1-12. (canceled)

13. (new) A capacitor comprising a mixture Ia, comprising a mix IIa composed of

- a) from 1 to 95% by weight of a solid III with a primary particle size of from 5nm to 20 μ m and
- b) from 5 to 99% by weight of a polymeric composition IV, obtained by polymerizing
 - b1) from 5 to 100% by weight, based on the composition IV, of a condensation product V of
 - α) at least one compound VI which is capable of reacting with a carboxylic acid or with a sulfonic acid or with a derivative or a mixture of two or more of these, and
 - β) at least 1 mol per mole of the compound VI of a carboxylic acid or sulfonic acid VII which has at least one functional group capable of free-radical polymerization, or of a derivative thereof or of a mixture of two or more thereof
- and
- b2) from 0 to 95% by weight, based on the composition IV, of another compound VIII with an average molecular weight (number average) of at least 5000 having polyether segments in its main or side chain
- and

at least one ester of the formula (E1) to (E4) as a component c)



where each of R^1 , R^2 , R^3 and R^4 is identical with or different from the others and, independently of the others, is linear or branched-chain C_1 - C_4 -alkyl, $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$, where n is from 1 to 3, C_3 - C_6 -cycloalkyl or an aromatic hydrocarbon group, which may in turn be substituted, with the proviso that at least one of the groups R^1 , R^2 , R^3 or R^4 is $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$, where n is from 1 to 3.

14. (new) A capacitor comprising a mixture Ib, comprising a mix IIb composed of

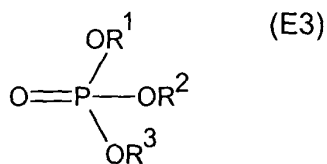
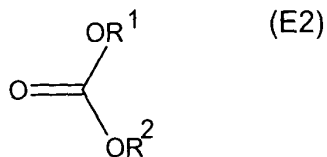
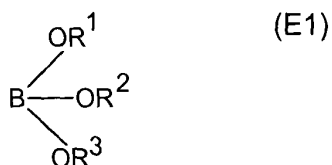
- a) from 1 to 95% by weight of a solid III, with a primary particle size of from

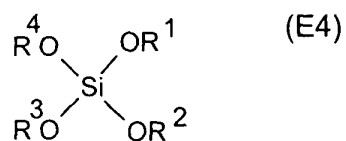
5nm to 20 μ m and

- b) from 5 to 99% by weight of a polymer IX, obtained by polymerizing
- b1) from 5 to 75% by weight, based on the polymer IX, of a compound X capable of free-radical polymerization and differing from the carboxylic acid or the sulfonic acid VII or from a derivative thereof, or of a mixture of two or more thereof, as described in claim 13
- and
- b2) from 25 to 95% by weight, based on the polymer IX, of another compound VIII with an average molecular weight (number average) or at least 5000, having polyether segments in its main or side chain,

and

at least one ester of the formula (E1) to (E4) as component c)





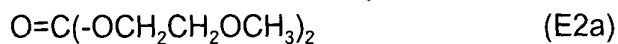
where each of R^1 , R^2 , R^3 and R^4 is identical with or different from the others and, independently of the others, is linear or branched-chain C_1 - C_4 -alkyl, $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$, where n is from 1 to 3, C_3 - C_6 -cycloalkyl or an aromatic hydrocarbon group, which may in turn be substituted, with the proviso that at least one of the groups R^1 , R^2 , R^3 or R^4 is $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$, where n is from 1 to 3.

15. (new) A capacitor as claimed in claim 13, wherein the mixture Ia includes at least one ester of the formula (E1) to (E4) wherein R^1 , R^2 and, if present, R^3 and/or R^4 are identical and are $-\text{CH}_2-\text{CH}_2-\text{O}-\text{CH}_3$ or $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$.

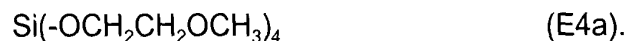
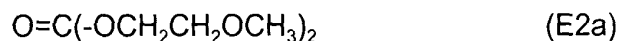
16. (new) A capacitor as claimed in claim 14, wherein the mixture Ib includes at least one ester of the formula (E1) to (E4) wherein R^1 , R^2 and, if present, R^3 and/or R^4 are identical and are $-\text{CH}_2-\text{CH}_2-\text{O}-\text{CH}_3$ or $(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{CH}_3$.

17. (new) A capacitor as claimed in claim 13, wherein in the mixture Ia, the at least one ester is selected from the group consisting of compounds (E1a) to (E4a):





18. (new) A capacitor as claimed in claim 14, wherein in the mixture Ib, the at least one ester is selected from the group consisting of compounds (E1a) to (E4a):



19. (new) A capacitor as claimed in claim 13, where the mix IIa is composed of

- a) from 1 to 95% by weight of a solid III with a primary particle size of from 5 nm to 20 μm and
 - b) from 5 to 99% by weight of a polymeric composition IV, obtainable by polymerizing
 - b1) from 5 to 100% by weight, based on the composition IV, of a condensation product V of
 - α) a polyhydric alcohol VI containing carbon and oxygen in its main chain
- and

β) at least 1 mol per mole of the polyhydric alcohol VI of an
α,β-unsaturated carboxylic acid VII

and

b2) from 0 to 95% by weight, based on the composition IV, of another
compound VIII with an average molecular weight (number average)
of at least 5000, having polyether segments in its main or side
chain.

20. (new) A capacitor as claimed in claim 13, further containing in the mixture Ia at least
one conducting salt selected from the class consisting of LiPF_6 , LiBF_4 , LiClO_4 ,
 LiAsF_6 , LiCF_3SO_3 , $\text{LiC}(\text{CF}_3\text{SO}_2)_3$, $\text{LiN}(\text{CF}_3\text{SO}_2)_2$, $\text{LiN}(\text{SO}_2\text{F})_2$, $\text{LiN}(\text{CF}_3\text{CF}_2\text{SO}_2)_2$,
 LiAlCl_4 , LiSiF_6 and LiSbF_6 .

21. (new) A capacitor as claimed in claim 14, further containing in the mixture Ib at least
one conducting salt selected from the class consisting of LiPF_6 , LiBF_4 , LiClO_4 ,
 LiAsF_6 , LiCF_3SO_3 , $\text{LiC}(\text{CF}_3\text{SO}_2)_3$, $\text{LiN}(\text{CF}_3\text{SO}_2)_2$, $\text{LiN}(\text{SO}_2\text{F})_2$, $\text{LiN}(\text{CF}_3\text{CF}_2\text{SO}_2)_2$,
 LiAlCl_4 , LiSiF_6 and LiSbF_6 .

22. (new) A capacitor as claimed in claim 17, wherein the mixture Ia further contains
 LiBF_4 .

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23. (new) A capacitor as claimed in claim 18, wherein the mixture Ib further contains

LiBF_4 .

24. (new) A capacitor as claimed in claim 13, wherein solid III is basic.

25. (new) A capacitor as claimed in claim 14, wherein solid III is basic.

26. (new) A capacitor as claimed in claim 19, wherein solid III is basic.